

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 4320-347	SERIAL NO. 916,247
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets If necessary)	APPLICANT Pierre Cote et al.	RECEIVED NOV 27 2001 TECHNOLOGY CENTER 1700 GROUP 1723
	FILING DATE July 30, 2001	

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
RM	5,393,433	02/28/95	Espenan et al.	210	650	10/25/93
	5,403,479	04/04/95	Smith et al.	210	321.69	12/20/93
	5,607,593	03/04/97	Cote et al.	210	650	11/30/94
	5,643,455	07/01/97	Kopp et al.	210	636	
	5,647,988	07/15/97	Kawanishi et al.	210	636	12/02/94
	5,783,083	07/21/98	Henshaw et al.	210	636	07/31/96
	5,944,997	08/31/99	Pedersen et al.	210	636	02/17/98
	5,958,243	09/28/99	Lawrence et al.	210	636	03/03/97
	6,045,698	04/04/00	Cote et al.	210	636	

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	WO98/28066	02/07/98	PCT	B01D	65/02	NO
	WO 97/18887	29/05/97	PCT	B01D	65/02	NO
	FR2741280	23/05/97	FRANCE	B01D	65/02	NO
	JP04131182	92/05/01	JAPAN	CO2F	1/44	NO
	JP94065371	90/09/20	JAPAN	B01D	65/02	YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	English Language Abstract of Japanese Patent Publication No. JP09075689, published March 25, 1997
	English Language Abstract of Japanese Patent Publication No. JP08252438, published October 1, 1996
	English Language Abstract of Japanese Patent Publication No. JP07047245, published February 21, 1995
	English Language Abstract of Japanese Patent Publication No. JP08099025, published August 30, 1996
	English Language Abstract of Japanese Patent Publication No. JP07136474, published May 30, 1995
RM	English Language Abstract of Japanese Patent Publication No. JP11128920, published May 18, 1999

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EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	6,210,582B1	04/03/01	Del Vecchio et al.	210	636	06/10/99
	6,214,231B1	04/10/01	Cote et al.	210	636	08/27/99

FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	JP09075689	97/03/25	JAPAN	B01D	65/02	NO
	JP08252438	96/10/01	JAPAN	B01D	65/02	NO
	JP0747245	95/02/21	JAPAN	B01D	65/02	NO
	JP0899025	96/04/16	JAPAN	B01D	65/02	NO
	JP07136474	95/05/30	JAPAN	B01D	65/02	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	English Language Abstract of Japanese Patent Publication No. JP10066844, published March 10, 1998
	English Language Abstract of Japanese Patent Publication No. JP08229362, published August 10, 1996
	English Language Abstract of Japanese Patent Publication No. JP11019488, published January 26, 1999
	English Language Abstract of Japanese Patent Publication No. JP04131182, published May 1, 1992
	English Language Abstract of Japanese Patent Publication No. JP07116482, published May 9, 1995
	English Language Abstract of Japanese Patent Publication No. JP5184884, published July 27, 1993
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km	JP93184884	93/07/27	JAPAN	B01D	65/02	YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

km	English Language Abstract of Japanese Patent Publication No. JP52004481, published Jan. 13, 1977
	Translation of Claims for European Patent EP19960939147
1	"Membrane News", Section 4.12.3 CHEMICAL CLEANING METHOD OF SUBMARINE TYPE CERAMIC MEMBRANE SEPARATION SYSTEM: March 1998, page 13.
	"Membrane News", Section 4.24 CLEANING METHOD OF IMMERSION TYPE MEMBRANE FILTER: page 13.

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km	"Membrane News", Section 4.30 MEMBRANE SEPARATION METHOD: Sept. 1996, page 16.
	"Membrane News", Section 4.31 IMMERSION TYPE MEMBRANE FILTRATION SYSTEM: Sept. 1996, page 16.
	"Membrane News", Section 4.34 IMMERSION TYPE MEMBRANE SEPARATION SYSTEM: Jan. 1997, page 16.

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U.S. PATENT DOCUMENTS

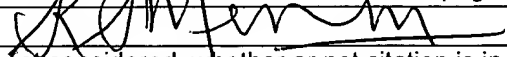
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RM	"Membrane News", Section 4.35 IN SITU CLEANING METHOD OF IMMERSION TYPE MEMBRANE FILTRATION SYSTEM: Jan. 1997, page 16.
	"Membrane News", Section 4.43 IMMERSION TYPE MEMBRANE SEPARATION SYSTEM: Jan. 1997, page 18-19.
	"Membrane News", Section 4.47.1 SUBMARINE TYPE MEMBRANE SEPARATOR AND MEMBRANE CLEANING METHOD OF THE SAME: Dec. 1997, page 31.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
<div style="font-size: 2em; font-family: cursive;"> 12M ↑ </div>	Derwent Publications Ltd., XP002153239
	Derwent Publications Ltd., XP002153240
	Derwent Publications Ltd., XP002153241
	Derwent Publications Ltd., XP002153127
	Derwent Publications Ltd., XP002153128
	Derwent Publications Ltd., XP002153129

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	Derwent Publications Ltd., XP002153130
	Derwent Publications Ltd., XP002153131
	Derwent Publications Ltd., XP002153132
	Derwent Publications Ltd., XP002153133

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